

INTEROFFICE MEMORANDUM

Date: December 09, 2004
 To: Arthur L. Williams, Director
 From: Arthur Chang, Technical Services Supervisor
 Re: November 2004 FRM PM_{2.5} Monitoring Update Report

This is a report of November 2004 Federal Reference Method (FRM) PM_{2.5} monthly averages, annual averages, 3-year annual design values, and year-to-year comparison data summaries. (These data are subject to further quality assurance and are not final.)

November 2004

Table 1. PM_{2.5} Monthly Data Summary (µg/m³)

	Daily Maximum	Daily Minimum		Monthly
Site Name	Conc. & Date	Conc. & Date	Run Time	Average
Southwick	21.8 (11/18)	3.3 (11/25)	100.0 %	11.1
Wyandotte	21.1 (11/22)	4.3 (11/25)	96.7 %	10.8
Barret	24.1 (11/18)	5.6 (11/8 & 11/26)	90.0 %	11.0
Watson	21.1 (11/23)	5.4 (11/8)	83.0 %	11.1
Overall				11.0

The 24-hour average standard is 65 µg/m³.

Table 2. PM_{2.5} Design Values and Year-to-Date Annual Mean Comparisons

Site Name	Annual Mean(µg/m ³)						Annual Design Values (1999-2001)	Annual Design Values (2000-2002)	Annual Design Values (2001-2003)	Annual Design Values (2002-2004) ³
	2004 Year-To-Date	2003	2002	2001	2000	1999				
Southwick/ <i>Firearms Trn</i> ¹	14.8	15.4	17.2	17.1/ 18.7 ¹	17.3	17.5	N/A	N/A	N/A	~15.8
Wyandotte	14.3	15.2	17.5	17.7	16.7	16.9	17.1²	17.3²	16.8²	~15.6
Barret	14.3	15.2	16.3	16.9	16.7	17.2	16.9	16.6	16.1	~15.2
Watson	13.0	15.1	15.3	16.3	16.8	15.2	16.1	16.1	15.5	~14.4

The annual average standard is 15.0 µg/m³.

¹ *Firearms Training* temporarily replaced Southwick Community Center monitoring during 2001, due to renovation. Twelve quarters of contiguous data are unavailable.

² Design value site for Louisville.

³ Approximate values due to the availability of only eleven months of 2004 data.